

163 22,944,00-00

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

Operator: License # 05922  
Name Vanmax Exploration, Inc.  
Address 212 N. Market, Se. #503  
City/State/Zip Wichita, Ks. 67202

Purchaser Farmland Industries, Inc.

Operator Contact Person C. C. Van Buskirk  
Phone (316) 262-5646

Contractor: License # 5302  
Name Red Tiger Drilling

Wellsite Geologist C. C. Van Buskirk  
Phone (316) 262-5646

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

If OWWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
Spud Date 10-14-87 Date Reached TD 10-21-87 Completion Date 12-12-87  
Total Depth 3428' PBDT None

Amount of Surface Pipe Set and Cemented at 270 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 1405 feet  
If alternate 2 completion, cement circulated from 1405 feet depth to 250 SX cmt  
Cement Company Name B. J. Titar  
Invoice # 362673 & 362705

API NO. 15-191-22047  
County Rooks  
NE. NE. NE. Sec. 8 Twp. 8S. Rge. 18 East West

4950 Ft North from Southeast Corner of Section  
330 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name Maddy Well # 1

Field Name Wildcat Sweet North

Producing Formation Arbuckle

Elevation: Ground 1934' KB 1940'

Section Plat

Grid table with coordinates 4950-330 on y-axis and 5280-330 on x-axis. An 'X' is marked at the intersection of 4950 and 5280.

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal  
Docket # Hauled B&L Tank Service

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit #

Groundwater Ft North from Southeast Corner (Well) Ft West from Southeast Corner of Sec Twp Rge East West

Surface Water Ft North from Southeast Corner (Stream, pond etc) Ft West from Southeast Corner Sec 21 Twp 7 Rge 18 East West

Other (explain) (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature C. Van Buskirk  
Title President Date 4-8-88

Subscribed and sworn to before me this 8th day of April, 1988.  
Notary Public Dwayne V. Staw  
Date Commission Expires 10-1-89

K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
Distribution  
SWD/Rep NGPA  
 KGS  Plug  Other (Specify)  
APR 12 1988  
04-12-1988  
Wichita, Kansas  
4-12-88

SIDE TWO

Operator Name Vanmax Exploration, Inc. Lease Name Maddy Well # 1

Sec. 8 Twp. 8S Rge. 18  East  West County Rooks

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

L/Kc 3192' to 3200'..Lst, wh to tan with some pp poristy with some stain. Eval. poor Arb. 3388' to 3400' Dolomite, cr. crystall. e with oil show

Name Top Bottom

Topeka 2861 (-921)  
 Heebner 3067 (-1127)  
 L/Kc 3108 (-1168)  
 Arb.(Spl) 3388 (-1448)

DST #1 3368' - 3400' Times 30"-60"-40"-90" 1st opening: Wk blow 4" in bucket. 2nd opening: Wk blow 2" in bucket (Pkr. failure while into 2nd opening) Rec. 496' oil cut mud. Pressures: IHP 1807# IFP no reading, ICIP 969#, FFP 56# to 75#, FCIP no reading FHP 1700#, Temp 100°  
 DST #2: 3378' to 3400', Times: 30"-60"45"-90"; 1st opening: wk blow to 3 1/2" in bucket; 2nd opening: wk blow building to 3" in bucket; Rec. 130' gassy, oil cut mud. Pressures IHP 1807#, IFP 38# to 56#, ICIP 969#, FFP 56# to 75#, FCIP 932#, FHP 1770#, Temp 98°.

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface	12 1/2"	8 5/8"	24#	270'	60/40 Poz	160	
Production	7 7/8"	5 1/2"	14#	3499'	Surefill	175	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
4	from 3391' to 3399'			500 gal 5% mud acid w/ HAI-85 inhibitor			
				later drill new hole from 3403 to 3413' 2nd acid job 1000gal 15%HCL; drill			
TUBING RECORD				New Hole to <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
	Size 2 3/8"	Set At 3325'	Packer at				
Date of First Production		Producing Method					
December 12, 1987		<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain)					
Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity		
	7	0	6		33°@60		

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) .....  
 Used on Lease  Dually Completed  Commingled

3391'-3428'

Phone 913-483-2627, Russell, Kansas  
 Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812  
 Phone Ness City 913-798-3843

15-163-22944-00-00

# ALLIED CEMENTING CO., INC. N<sup>o</sup> 4454

Home Office P. O. Box 31

Russell, Kansas 67665

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
1/22/88	8	9	17	11:00 AM	5:20 PM	5:00 PM	1:30 PM
Lease	Well No.	Location			County	State	
		Platte Co. 1/2 N 1/2 W 2 1/2 E			Rock	KS	

Contractor		Owner	
Type Job		To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.	
Hole Size	T.D.	Charge To	
7"	3428'	Vanner Exploration Inc	
Csg.	Depth	Street	
2 1/2"	5000'	212 N Market Suite 503	
Tbg. Size	Depth	City	
2 1/2"	270'	State	
Drill Pipe	Depth	The above was done to satisfaction and supervision of owner agent or contractor	
		Purchase Order No.	
Tool	Depth	X/	
1 1/2" Shank	1900'	CEMENT	
Cement Left in Csg.	Shoe Joint	Amount Ordered	
None		300 bags 4 1/2" x 8 1/2" x 16"	
Press Max.	Minimum	Consisting of	
400# input	100 up to 300#	Common	
	Pumping Cement	Poz. Mix	
Meas Line	Displace	Gel.	
		Chloride	
Perf.		Quickset	

### EQUIPMENT

No.	Cementor	
Pumptrk	Helper	Gary H
Pumptrk	Helper	Jim S.
Bulktrk	Driver	Randy P.
Bulktrk	Driver	

### DEPTH of Job

Reference:		
100'	1500'	
100'	1500'	
		Sub Total
		Tax
		Total

Remarks: Ran bag cement surface to 1400' good increase all way down.

Sales Tax	
Handling	0.90 1/2
Mileage	0.034 1/2 1/10
Sub Total	
Total	
Floating Equipment	Thank STATE CORPORATION COMMISSION
RECEIVED	
JAN 24 1988	
CONSERVATION DIVISION Wichita, Kansas	
10 1/2" & 5 1/2" csg	

## GENERAL TERMS AND CONDITIONS

**DEFINITIONS:** In these terms and conditions, "Allied" shall mean Allied Cementing Co., Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

—**TERMS:** Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "ALLIED" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "ALLIED," refunded directly to "CUSTOMER." For purposes of this paragraph, ALLIED and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

—**ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.

—**PRICES AND TAXES:** All merchandise listed in "ALLIED'S" current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.

—**TOWING CHARGES:** ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.

—**PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the cancellation.

—**DEADHAUL CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

—**SERVICE CONDITIONS AND LIABILITIES:** 1. ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.

2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.

3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

**WARRANTIES:** 1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.

(C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

15-163-22944-00-00

TEMPERATURE SURVEYS

Send the following information with temperature survey charts:

Date 7-14-88 Place Plainville 9 1/2 N 1 W 1/2 S 1 1/2 W

Company Name Vanmax Order No. \_\_\_\_\_

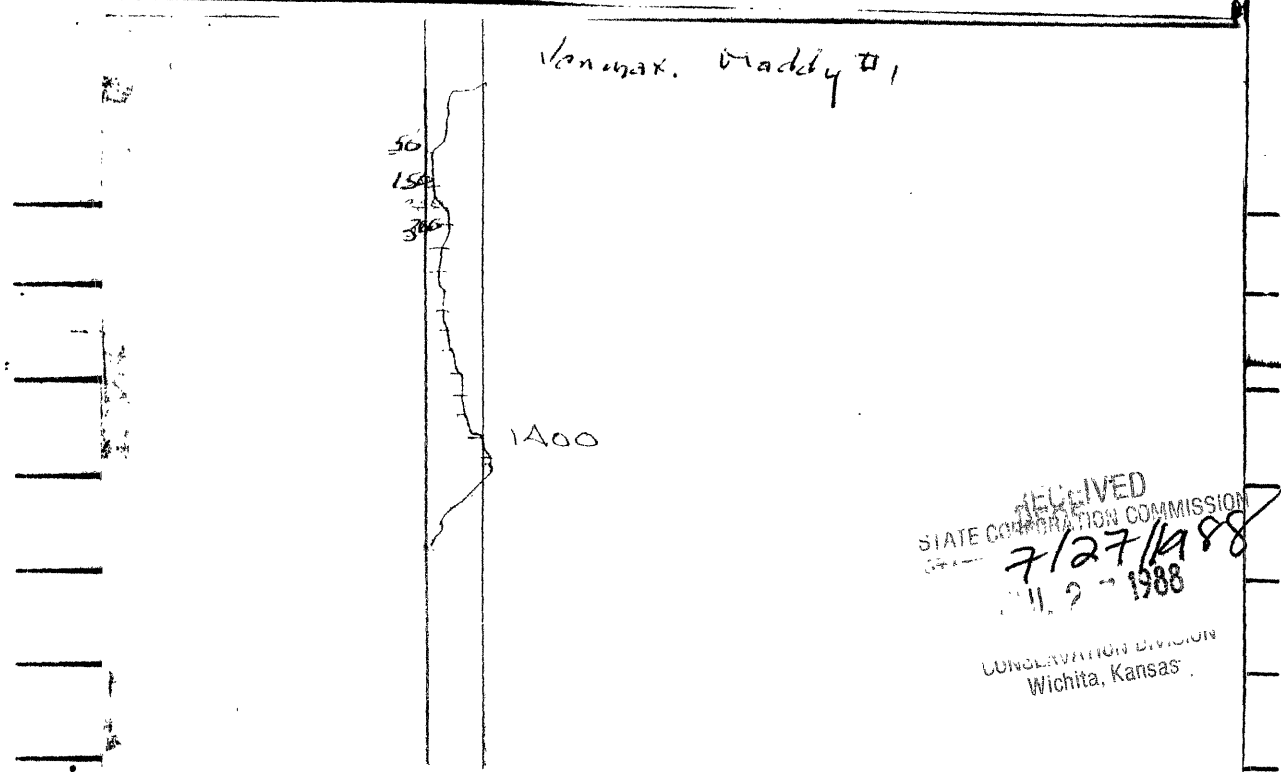
Mailing Address 212 N Market City Wichita State Kansas

Owner of Well Vanmax Contractor C & L Well Service

Well No. #1 Farm Maddy County Rooks Sec. 8 Twp. 8 Rge. 18

Depth of Well 3428 Depth of Casing 3400 New x or Used \_\_\_\_\_ Size 5 1/2 Weight \_\_\_\_\_ Size of Hole 7 7/8 Amount of Cement 250 Kind of Cement 65/35 6906el

Survey From 0' To 1400'





LAUGHLIN-SIMMONS & CO. OF KANSAS, INC.

OIL FIELD SURVEYING  
1337 NORTH MERIDIAN, SUITE 2 (316) 943-5351  
WICHITA, KANSAS 67203

KW902877  
INVOICE NO.

COLUMBIA GAS DEVELOPMENT CORP. OPERATOR 8-1 Maddy FARM

Rooks COUNTY 8 8s 18w 330'FNL 330'FEL of Section LOCATION

ELEVATION: 1934 gr

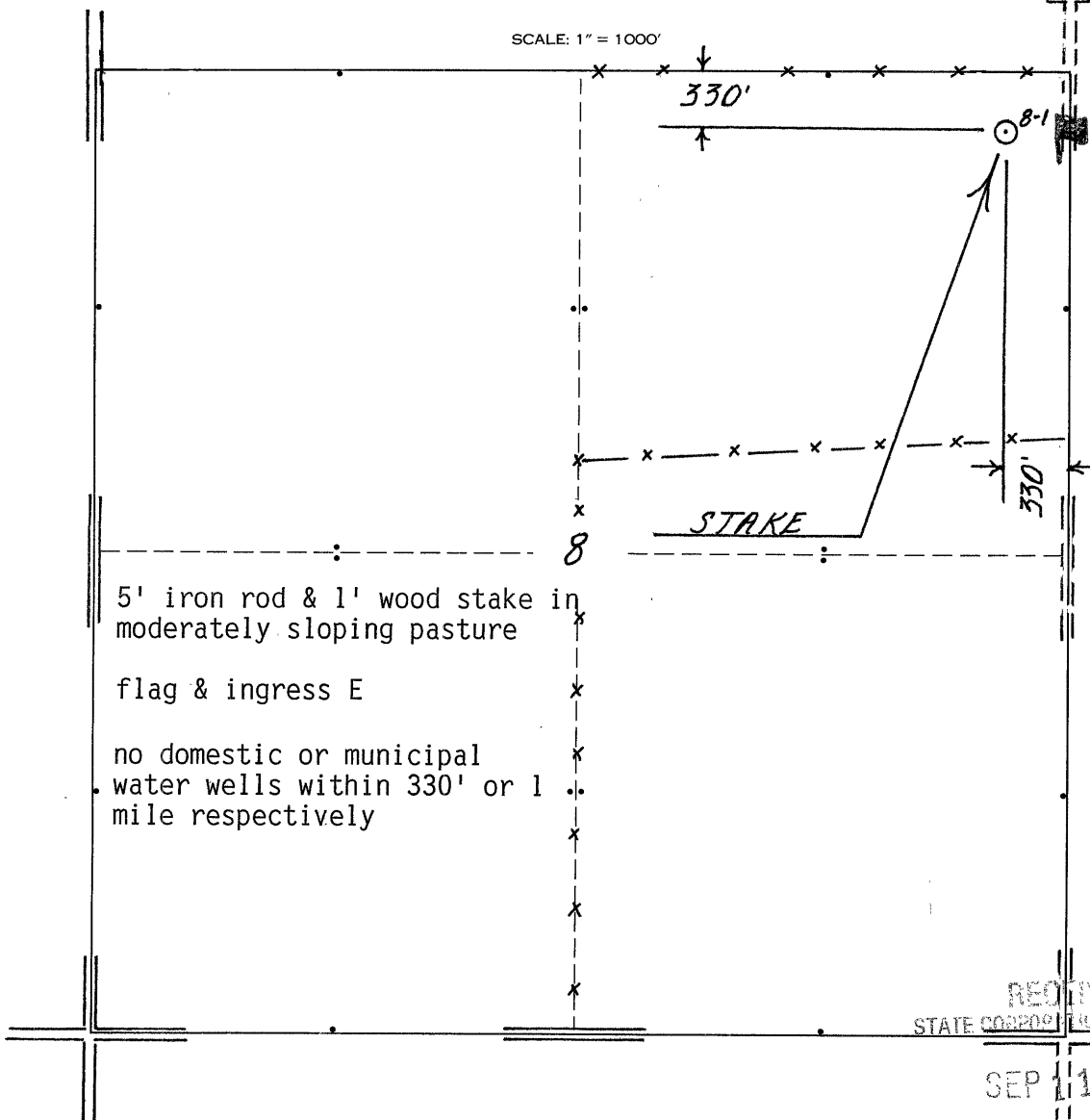


COLUMBIA GAS DEVELOPMENT CORPORATION  
P. O. Box 1350  
Houston, Texas 77251

AUTHORIZED BY: Lynn Roque

3 1/2 miles N.  
3 1/2 miles E.  
to "STOCKTON"

SCALE: 1" = 1000'



5' iron rod & 1' wood stake in moderately sloping pasture

flag & ingress E

no domestic or municipal water wells within 330' or 1 mile respectively

RECEIVED  
STATE COMMISSION

SEP 11 1987

9/11/1987  
CONSERVATION DIVISION  
Wichita, Kansas